

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Philip Karras <ke3fl@access.digex.net>  
Subject: [580] "Reflections" by Maxwell  
Message-ID: <Pine.SUN.3.94.960708092354.19250B-100000@access1.digex.net>

I am looking for a copy of the book, "REFLECTIONS" by Walter Maxwell, W2DU. If you have a copy you're willing to part with, or know where I pick one up, please let me know.

The book is no longer available from ARRL, I've asked.

tnx, 72 & 73 de KE3FL/Phil  
:-)

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: dcscott@ix.netcom.com (Dale Scott)  
Subject: [608] 49'er HELP!!  
Message-ID: <199607082331.QAA04783@dfw-ix1.ix.netcom.com>

Hi Gang,  
First the good news, I built the Norcal Keyer ckt and despite the silkscreen being upside down and my failing eyesight it works great. Even managed to shoehorn it into a hollowed out Microsoft mouse. The bad news is my 49'er doesn't work. The board was severely over etched so I had to be very careful with the soldering job. I've checked against the schematic and all components appear to be in the proper location and orientation. When I powered it up I heard nothing, so thinking that perhaps it was simply a dead band, I also fired up my IC-706 and lo and behold there was a nice strong tone on 7.038. Yup, you guessed it. As soon as I disconnected the battery to the 49'er the tone went away. It appears that it is locked in transmit mode. I've double checked all components and each and every solder joint (remember the failing eyesight so take that with a grain of salt!). The grand sum of my test equipment consists of a dvdm. If someone could give me an idea where to start looking, some voltage measurements that I could take that might narrow this down, etc. I'd be most appreciative.  
72 -- de Dale/KC7KHD  
dcscott@ix.netcom.com

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: "Michael Gipe" <MichaelGipe@msn.com>  
Subject: [609] Amidon

Message-ID: <UPMAIL06.199607082348400735@msn.com>

Anybody have a correct address for Amidon? I sent off for a new catalog, but my request came back marked "undeliverable".

Thanks,

Mike AG1H

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [587] CMOS III Keyer Followup  
Message-ID: <199607081616.QAA08544@chuck.dallas.sgi.com>

Gang,

1. Someone asked about the 7805 regulator. Well, since the CMOS III draws less than 20mA keyed and monitor on I ran with the 78L05 regulator in the T0-92 plastic case (semiround with flat side). See page 24.29 1995 ARRL Handbook.

In fact, if you haven't already done so, when you build the critter, move C11 to the holes marked for 5V and ground then put the regulator gnd and output pins in the holes where the cap would have gone. Slip a small piece of insulation from a scrap wire over the input leg so that you don't short anything out (this would release the smoke monster from the magic container, i.e. the most expensive part in the device) and connect the input side of the 78L05 to the +12V or +9V if you are using a battery. At 20mA and 12V you are only heating the regulator with  $0.020 \times 7 = 0.14W$ . Piece of cake since it can take  $0.1 \times 7$  or  $0.7W$ .

2. Someone else asked about RFI. I haven't seen any. I have two CMOS IIIs. I took one and put it in the case with the SWL-40, then the OHR Explorer II on 40M and 30M, and the GM-30 and I could not detect any RFI at anytime keying or not.
3. I got email from Tim Ahrens, WA5VQK, former student at A&M and Application Engineer at Motorola, reminding me that development kits for the Motorola Series of Microprocessors are cheap. Thus my previous comment about development of something like the CMOS III would be expensive may be in error. In a way if you only count

the hardware costs, yes it is cheap. But after you factor in program development and board layout and misc. stuff you have to figure a fairly large figure for costs or you don't consider you own time worth much.

If someone in this group wants to do the software and give it away, have at it. Smitty here in Dallas was working on a keyer using the Motorola micro but don't know what his status is. He travels more than I do and I haven't seen him since before HamCom (good English and I apologize). :-)

So once again back to the CMOS III. I put mine in outboard cases using the TenTec TP-17 which has a form factor of 1.75" x 4.25" x 3.5" and I did not put batteries internally. I use the 3.5mm barrel connector that is used on all the rigs and can power the keyer off the same gel-cell and the rig. I decided against using the CMOS III in one rig as I like to switch around and play with the rigs in various configurations.

As Bob White mentioned in the latest QQ I use the CMOS III with the GM-30 on 30M and have been using both the Envirotronic paddle and the WBL Designs. I also have a AEA CK-2, but it goes into retirement. Sorry, it is not for sale. I spent too much time working on it to get it where the keypad would not fail due to solder failure from the factory.

Another helpful hint for Heloise and that is to use flat-ribbon cable from the board to the connectors and push-buttons. I bought some buttons that I really love from Anchor Electronics that are generic (i.e. unmarked) but were only 3/\$1. Nice tactile feel IMHO. So when you get through you have about \$70 invested in a nice keyer if you don't count the \$150 that I spent for a drill press on Saturday .... :-)

FYI

dit dit

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Chuck Adams (K5FO CP-60) adams@sgi.com  
K5FO TMPS 1996 Qs=048 States=25 Confirmed=11 DX=02 (0.95W)  
AL AZ CA CO DC FL GA IA IL IN MD MI MO  
NC OH OK OR RI SD TN TX UT WA WI WY

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Mike Boice <kd0fx@worldnet.att.net>  
Subject: [612] Code speed

Message-ID: <1.5.4.32.19960709004421.006649dc@postoffice.worldnet.att.net>

Having only gotten back in ham radio within the last month or so, after a decade-long hiatus, my code is understandably quite rusty. While this is a QRP group, I therefore figure it's also a hangout for the serious code speedsters.

Question: massive practice is probably the best way to increase copy speed, but has anyone here tried the commercial packages out there that claim to teach code like a language, or some other trick to quickly boost your speed?

73,  
mike KD0FX  
Richland WA QRP-L #576

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Jerry Parker <jparker@fix.net>  
Subject: [590] Dan's Small Parts  
Message-ID: <2.2.32.19960708162600.008552ac@fix.net>

Dans Small Parts has an Internet Catalog at the following address:

<http://www.fix.net/dans.html>

72,,,Jerry...K

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: bob.roach@sourcebbs.com (BOB ROACH)  
Subject: [578] Dipoles: foled & otherwis  
Message-ID: <8C41227.000103C52B.uuout@sourcebbs.com>

Hello guys,

Can anyone tell me the differences between folded dipoles and regular dipoles (aside from feedpoint impedance).

TNX de KE4QOK  
Bob

\* SLMR 2.1a \* A loaf of bread, a jug of wine and <occupant>.

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This message originated from: ----- Selective Source BBS  
----- Virginia Beach, Virginia  
----- (804) 471 6776

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: n7mfb@juno.com (Bill Todd)  
Subject: [584] First E-Mailed QRP Newsletter!  
Message-ID: <19960707.210922.6663.1.n7mfb@juno.com>

NEW QRP E-MAIL MEMBERSHIP  
& NEWSLETTER ANNOUNCEMENT

The NorthWest QRP Club announces a NEW E-Mail  
Membership starting NOW!

Are you a little stressed about joining yet another  
QRP Club and shelling out yet another \$10 to \$12 to  
join - not to mention the Membership Certificate which  
might be extra?

The NorthWest QRP (with 417 members presently) is  
a national club for QRP operators, builders & DXers.  
Our Club features a great bi-monthly Newsletter, 2  
national QRP contests, an Internet Home Page, a special  
QRP award, and fun local meetings in the Seattle area.

There are two ways to join:

(1) For the Standard Membership / Newsletter -  
Send \$12.00 to the Club address and you will receive a  
numbered membership certificate and a years' subscription  
to the bi-monthly "NWQ" Newsletter. The newsletter is  
printed in June, August, October, December, February and  
April.

(or)

(2) For the E-Mailed Membership / Newsletter -  
Send \$3.00 to the Club address and you will receive a  
numbered membership certificate and a special ASCII text  
"NWQ" newsletter sent to your personal Internet Mailbox  
six times a year. Why wait for the printer or the USPO?

\*\* Current NW QRP Club members with lapsed subscriptions  
can also get the E-Mailed Newsletter for only \$2.00  
per year. Please give your Mbr # when ordering \*\*

If you are interested, please contact the NW QRP Club at:

NW QRP Club  
PO Box 354  
Bay Center, WA 98527

Internet: n7mfb@juno.com

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: ROBERT PALAMBO <palambo@infowest.com>  
Subject: [614] For Sale Gap Eagle  
Message-ID: <01BB6D3A.C2DB3FE0@G\_Kar.infowest.com>

Have Gap Eagle for sale. Must get rid a/c CC&R's.  
Only used for one season. List at \$269.00  
Will accept reasonable offer. Also looking for Ten-Tec  
ac5 tuner. Will add s&h vcharges from my location in Utah.

Bob 73  
K9ZWH  
palambo@infowest.com

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>  
Subject: [591] FS: Ten-Tec Scout 555 w/hand mic, 20m  
Message-ID: <Pine.3.89.9607081123.A29948-0100000@w3eax.umd.edu>

For Sale: Ten-Tec Scout model 555  
20 meter band module  
Optional model 700C hand mic (\$24 new)  
  
Mint condition - virtually no wear of any kind  
3 - 50 Watts out  
Variable IF Bandpass Filter (down to 350 Hz)  
Built in Iambic keyer  
RIT

Asking \$450. Additional modules are available from TT for \$29, the noise  
blanker for \$19.50, and the mobile bracket for like \$16.

I bought it on consignment at Maryland Radio Center with some extra modules, which are now being happily used by my Argo 556.

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: kub@upl.com (Steve Kubisch)  
Subject: [589] FS: TenTec Scout 555  
Message-ID: <9607081700.AA26174@ringworld.pacificorp.com>

Hi Gang,

Thought I would post this here first as there are many TenTec fans and this does make a great QRP rig.

For Sale: TenTec 555 Scout  
80, 40, 30, 20, 15 Band Modules  
Mobile mounting bracket.  
  
Mint condition  
3 - 50 Watts out ( only used at QRP levels, of course)  
Variable Bandpass Filter  
Built in Iambic keyer  
RIT  
Great reciever  
  
\$600

This unit has very little usage, mostly Foxhunt nites when I was on duty at the Fire Dept. Now I have my Sierra for that.

73,  
Steve -WW7Y-  
kub@pacificorp.com

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Dean Marzocca <n2tnn@ifu.net>  
Subject: [610] Hustler antenna  
Message-ID: <31E1A0BB.4C87@ifu.net>

Thanks to all who answered my call for help,

Just to go over the facts, I have a Hustler mobile whip antenna for the 40 meter band. I could not get the antenna to load up, on the the car, on the ground or hanging in the air. I asked for mount ideas

and the response was overwhelming. Txs again to all who gave it some thought.

So, now it works. I bought a rail mount from Radio Shack and bolted it to a bent reinforcing rod which is pushed into the soil. The key part comes next. The radials are attached to the mounting bolts. They are about 10 feet long and I push the ends into the soil to keep it from rolling up into a coil again. Wow it works on the antenna analyzer and it works when the ARK-40 is attached. Big smile here :-)

Ok, now the fun part. I put that theory to practice and bought a second mount for the boat. I have it all set up on the 30 footer and have one radial running along the side rail to the bow sprite. It loads up nicely with the MFJ tuner. Last Friday I worked two stations and yesterday I worked 5 stations, CT, MA, TN OH to name a few. And all from the Atlantic Ocean.

So to sum it up, with all the great here from this group I am now MM (martime mobile) and QRP while checking some of the best sites you can imagine. So if you hear me, give a call and don't mind if my sending isn't perfect, I might be concentrating on the local scenery. Best part of it is no bugs to bite like in the mountain wilderness I hear about and I can change venue by pulling up the anchor.

Most of the reports were 559 or better. Think I might bring the camera next time to capture those mountain peaks here in New Jersey, (all different colors too!!!)

72 and tnx,

Dean

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|    |                                                       |    |
|----|-------------------------------------------------------|----|
| %% | "Life is too short so you better start having dessert | %% |
| %% | long before dinner is over."                          | %% |
| %% | "HAM IT UP" via Barneget Bay, New Jersey              | %% |
| %% | N2TNN FN20, Somerset, NJ or 10 meter MM               | %% |

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996

From: Silvio Cerati <scerati@lrcser.lrcser.it>

Subject: [577] ICOM 735 (QRP HELP)

Message-ID: <199607081116.MAA15445@lrcser.lrcser.it>

A friend of mine, owning one icom 735, wants to know if it's possible to reduce the power level of his transceiver more than the factory set of 4 watts and, if so, how the mod will be difficult and effective. Thanks in advice for any practical help.

Best 73's Silvio

i1su@iw1bim.#cn.ipie.ita.eu



scerati@www.lrcser.it

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Dave Chapman <dave@atcon.com>  
Subject: [611] Info on Beldon coax wanted.  
Message-ID: <1.5.4.32.19960709004139.0066ceec@mail.atcon.com>

Hello, does anyone know what the specs. is for Beldon-E 89907 IEEE ?  
Any info would be much appreciated.  
Thanks.

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>-----<
<          Dave          >
>      VE1ER QRP-L 552    <
>      dave@atcon.com     <
<----->
```

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Randy L Phelps <rlp2pr@perry.stark.k12.oh.us>  
Subject: [583] IOTA Announcement  
Message-ID: <Pine.LNX.3.91.960708094315.7727B-100000@perry.stark.k12.oh.us>

I would like to announce to all of the IOTA, Grid Square, and County Hunters, that I will be on Hatteras Island (NA-067, Grid FM-25, Dare County) from July 13-20, 1996. I will be signing KD8JN/4 de NA-067 primarily on SSB, with CW on request. I will be operating all bands, including WARC, except 160.

A special QSL will be available direct or via the bureau. Send an SASE (US), or an SAE and 1 IRC (DX) to KD8JN, RANDALL L. PHELPS, 1226 DELVERNE AVE SW, CANTON, OHIO 44710-1306 U.S.A.

Lets hope propagation will be great!

72/73,  
Randy KD8JN

P.S. I will be taking the time needed to dig out the "flea power"

signals!!

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: ke1ex@ids.net (Laurent C. Lafond)  
Subject: [582] Items wanted  
Message-ID: <199607081208.IAA18929@ns.ids.net>

I had sent the following message and have made contact for the  
tuner, still looking for the paddle ...

tk's, Laurent

Hi ya-all,

Need the following items, if anyone wants to part with them.

MFJ-16010 Tuner  
BY-1 Bencher Paddle (That's the black one)

73, and tk's,  
Laurent

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: ke1ex@ids.net (Laurent C. Lafond)  
Subject: [597] Items wanted  
Message-ID: <199607081906.PAA123469@nss2.CC.Lehigh.EDU>

Hi Again -

Made contact with the paddle - thanks for your kind attention.  
Now have both items on the way.

73,  
Laurent

I had sent the following message and have made contact for the  
tuner, still looking for the paddle ...

tk's, Laurent

Hi ya-all,

Need the following items, if anyone wants to part with them.

MFJ-16010 Tuner  
BY-1 Bencher Paddle (That's the black one)

73, and tks,  
Laurent

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [600] Keys! Keys! & Sounders!  
Message-ID: <Pine.BSI.3.93.960708154922.24107B-100000@u1.abs.net>

Keys ! Keys ! and Sounders !

Just a quick note to those of you who are into Collecting Keys  
and Telegraph Sounders.

Just last Saturday, I became the proud owner of a Camelback Type  
Brass Key and a Brunell Sounder, along with two German Style keys  
in almost new condition. I will not tell what I paid, only that I  
felt that I got good value for my money.

If anyone is interested, There are others still available (?) at  
Maryland Radio Center in Laurel, Maryland. They are from an estate  
sale being sold on consignment at MRC. Jerry Johnson, WA3WZF, the  
owner of Maryland Radio Center can be Contacted at (301)725-1212.  
Or email to Weather@Bayserve.net or via the Weathernode Web Site.  
<http://Weathernode.com>

I have no financial connection nor warrant the offer in any way.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Dale Anderson <dalea@artemis.fc.hp.com>  
Subject: [604] Missing components in 49-er kit...  
Message-ID: <199607082122.AA267150925@artemis.fc.hp.com>

Hi Everyone,

Yeah, yeah, I know you're all sick of the 49-er email.

I am one of the latest to build one (had to wait 'til they packaged one with the novice/tech band xtal). Anyway, spent an hour or so throwing mine together this weekend. I discovered there were two missing components and one extra of the wrong value. Specifically, there were two 10 Ohm resistors included (only need one), but I was missing a 10M Ohm. (No problem, RatShack sells 'em). The big one tho', is I'm also missing Q3. You know, the FINAL! Instructions reference it by two different numbers, a 2SC799 and 2N3866 (not sure which it was supposed to be shipped with). Anyway, the RX works great (first try) and tests show the first stage of TX is working too. I just need the final. I realize this isn't supposed to be a retail quality kit and I'm not one to whine (yeah, right) but it would've been nice to have all the parts included. Will be picking up an NTE cross ref part tonite on the way home from work. So, listen for KB0VCC/QRP between 7.119 and 7.125MHz this evening around 0130Z.

For those wondering, I've bypassed the Altoids theme. Lacks originality in my opinion. Besides, I hate peppermint! I've modified my 49-er PCB so that it is modular (you can tell I'm a computer hardware geek). It just plugs into a "backplane" board which I've built with an audio amplifier (LM386) that'll drive a speaker directly or give me enough audio for headphones outside in the wind. I've enclosed this in a RatShack 4x6 modem box with off-board controls (on-off switch, 50K volume pot for the '386, variable tuning cap from junk box) and jacks (SO-239, coaxial PWR, audio output and key) that connect to the backplane board by plug-in connections. The WHOLE thing comes apart or goes together in less than two minutes! Perfect for testing mods. Once I get Q3 and make a few tweeks, it'll be ready for my hike up Long's Peak (a 14K foot mtn here in Colorado). I'll let you all know when I'll be up there with it. Would be a thrill to work someone from QRP-L from up there. Still waiting for more snow to melt and propagation condx to improve a bit.

Up comming mods? Since there's still room on the backplane, a dual skirt adjustable audio filter around a '3900 before the '386 then one more RF stage driving output to ~3W @ 12V. Maybe others, but I don't want to get too far away from the spirit of the 49-er...

72 es 73

de Dale, KB0VCC / QRP-L #91 / CQC #251

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: davemed@ix.netcom.com (David Medley)  
Subject: [593] NOS Capacitors FS  
Message-ID: <199607081727.KAA17005@dfw-ix1.ix.netcom.com>

I came across this box of low voltage caps which might be useful for qrp projects. They are:

1. 400uf 10 volt. These are axial lead in aluminum cans. In sealed packages. I have 35 of them.
2. 850uf 10 volt. These are in short upright aluminum cans in boxes. I have 19 of them.

Any interest out there?  
73 de Dave KI6QE

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Dean Marzocca <n2tnn@ifu.net>  
Subject: [618] QSL help  
Message-ID: <31E1D57E.6DBC@ifu.net>

HI all,

I was just filling out my QSL cards and have a question with regards to the correct information.

#1 If I am Maritime mobile, aka floating in the ocean, what do I put on the card to indicate that I am MM and is "off NJ coast" acceptable???

#2 I am also QRP. I indicate this on my card, how do I confirm that it was a qrp contact?

#3 Is there any other info that should be placed on the card?

This is new to me and I want to get new cards printed but I want to get it right before I send them out. Any comments will be welcome.

72,

Dean

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"HAM IT UP" 30 FT Cabin Cruiser via Barneget Bay, New Jersey  
N2TNN FN20, Somerset, NJ // 10 meter MM // 40 M QRP/MM  
WAS- MI,MO  
MM/WAS-

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: n5zgt@swcp.com (Brian Mileschosky)  
Subject: [617] Recieved My First QRPp!!  
Message-ID: <199607090341.VAA25478@kitsune.swcp.com>

Hi Gang,

Well, my first issue of QRPp finally came in, and it was worth the wait!  
What a great issue! Thanks to everybody who put their work into such a great publication!

72,

Brian, N5ZGT

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Boy Scouts of America  
JASM -Troop 41  
Albuquerque, N.M.  
O.A. Lodge 66 <-W-W-W-<<

Amateur Radio - N5ZGT  
ARRL QRP: NorCal# 1700  
Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA  
Internet: n5zgt@swcp.com

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From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Brad Mugleston <bmug@gw1.com>  
Subject: [595] Thanks  
Message-ID: <199607081817.AA15045@gp-ipc103.gw1.com>

Gang,

Just got back from a few days off and WHOW I got a lot of responses from my two questions.

It appears that AntennasWest does not have a EMail address BUT Radio Adventure does. You can contact them at radventr@istent.com - they are suppose to give good service.

As far as the G5RV goes - I got a ton of EMail letters - I will sift through them over the next few days and see if I can get mine to work - when I do I will post the problem and solution again.

Ive changed the configuration - its now a horizontal "L" with 51 foot legs. The feed line is 34 feet of 450 ohm feed line to an MFJ tuner (its suppose to be one of there better 300W ones). The strange thing about this G5RV - Per antenna west design - is it feeds directly into a PL259 connector to be hooked up

directly to the tuner or through 50 ohm coax to the tuner. My SWR is way high as if the 450 ohm feed line wasn't bringing the impedance down to around 50.

Thanks for all the help

de KB0ROL, Brad with a son (Derek KB0SJY) trying to get on 30M but no antenna!

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: wager@juno.com (James W. Cates)  
Subject: [585] Tnx to all, from WA6GER  
Message-ID: <19960708.074741.3966.2.wager@juno.com>

I want to thank everyone for your concern and caring during my wife's terminal illness. Indeed, QRP'ers are the cream of the crop.

I am getting along OK, having learned the rudiments of housekeeping and cooking, and emotionally I am in reasonably good shape, having had time to prepare, that is, if one can ever prepare. But fifty years last September; I have a lot of good memories.

Well, as far as my taking the QRP-L plunge, not my fault. Blame it on Doug, cuz he teased me with tid-bits he had read that were posted on the net. His fault. Entirely!

Also, please continue to send your NorCal complaints to him. hi hi

Thanks again, everyone.

Jim, WA6GER

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: chas@nmaa.org (Charles Kadesch)  
Subject: [606] Trees & Antennas  
Message-ID: <31E1B407.25F1@nmaa.org>

In response to several queries: The QST article "The Care and Feeding of an Amateur's Favorite Antenna Support - the Tree" by W3AS appeared in the 9/89 issue with additional input in QST's Technical Correspondence for 2/90. This article should be consulted by anyone wanting their antennas to stay up a long time and be easy on the tree as well. The author explains that since trees have no immune system, every wound leads to an infection, and the trees' response will weaken the tree at the wound site. Minimizing

the trauma to the tree and following the suggestions in this article should result in long lasting connections for antenna wires.

72 de Chas W8KUX (chas@nmaa.org)

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: pcw12@ix.netcom.com (Phil Wheeler)  
Subject: [619] TS-50S for QRP  
Message-ID: <199607090334.UAA17253@dfw-ix4.ix.netcom.com>

I often travel with my TS-50. I've seen somewhere (likley here) info on converting it so one of the power settings can be at 5 watts. I think it can either be the low one or the medium one. I also use it with an AT-50, which (I believe) uses one of these lower power settings for tuning...that MAY preclude reducing the 10 watt level to 5 watts.

Anyway, I would appreciate any advice on this; would be a good way to try QRP SSB (since I don't have a Cascade or such).

Phil W7UOX

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: jbartac@max.state.ia.us (jbartac)  
Subject: [603] Unusual Antenna (OK for Wiggly PVC?)  
Message-ID: <31E18F78.78F7@max.state.ia.us>

An early 1970's issue of 73 Magazine contained an article called "The Bamboo Vertical" or some such thing, which popped into my mind as I read all the posts about vertical antennas and related subjects on the list. The author described a wire vertical dipole taped to a tall bamboo stick supported up high enough to have a clear shot at the horizon. The writer said it was the next best thing to a beam for working DX.

The tuned feeders left at an angle similar to the sloping lower half of the dipole so the feeder would be spaced a similar distance from each leg to keep from disturbing the balance.

My vertical ground plane currently in use is similar except that it has 4 radials





+ K00CA TMPS 1996 Q's=082 States=25 Confirmed=07 DX=05 +  
+ AL AZ CA CT DE FL GA LA MA MD ME MI MN NC NH NJ NV NY OH +  
+ PA SC TN TX VA WV +  
+ +  
+ CY JH7 VE3 VK6 ZL2 +  
+++++

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Jim.Nestor@ey.com  
Subject: [596] US ISlands?  
Message-ID: <00145000038771820000004\*@MHS>

Folks,

In the past few days, have seen a couple of references to US Islands. What is?

I am familiar with and have activated a few islands in the NE & Maritimes for IOTA. Have often complained that many of the easier to reach islands are inland and don't qualify for IOTA status. Is the US Islands awards program an answer to my prayer? Who administers it and where can I get the details?

73/72,

Jim, WK8G/2  
jim.nestor@ey.com

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [594] V2L .gif  
Message-ID: <199607081811.SAA08770@chuck.dallas.sgi.com>

I got email from Rich Green, no call given, and there is a .gif online for viewing of the WBL Designs V2L paddle.

Two minor problems. One: the photo is in black and white. Two: it is for the left handed version. :-)  
Actually the same paddle can be used either way. You just redo the two RCA connections in the back.

The version that Rich has a photo of shows the four screws exposed, but all versions of the WBL V2L paddle have black plastic covers now.

Nice photo.

The address is:

<http://members.aol.com/rgreen3164/images/v2l.gif>

and that is V2L.GIF. The lower case L will get you every time. :-)

I spent part of the time over the weekend getting a camera setup with closeup lenses etc. and a diffuser to take some more pictures and scan them in of various stuff around the house. Stay tuned. Film at 11.

Thanks again Rich for the photo. I can tell the photo was professionally done.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com

K5FO TMPS 1996 Qs=048 States=25 Confirmed=11 DX=02 (0.95W)

AL AZ CA CO DC FL GA IA IL IN MD MI MO

NC OH OK OR RI SD TN TX UT WA WI WY

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996

From: Peter Simpson/US/3Com <Peter\_Simpson@3mail.3Com.COM>

Subject: [602] Wanted - Bench-top PCB shear

Message-ID: <9607082025.AA3231@hqsmtp2.ops.3com.com>

I'm looking to buy, used or otherwise, working or repairable, a small (12") bench-top shear that used to be in almost all the electronic supply catalogs. It was a cast base and arbor, with a center-mounted handle and cost an exorbitant amount of money. Would cut PCB material, aluminum, copper and light steel. Now, you can't find them and I want one. Badly. If you have one or know someone who does, please contact me.

Thanks,

Peter Simpson

KA1AXY

(508) 229-1531 (w)

(508) 429-7069 (h)

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: Craig LaBarge <74740.3166@CompuServe.COM>  
Subject: [586] What I Did on My Summer Vacation  
Message-ID: <960708155218\_74740.3166\_EHB121-1@CompuServe.COM>

Hi gang:

I just returned home from a great week on the outer banks of North Carolina. My family and I spent the week in a rented beach house in Duck, NC. Not only was the crabbing great, but QRP operation from down there was a lot of fun, too. I had my trusty traveling companion along - my old MFJ 9030. A 3rd story deck was perfected for hanging the center of an inverted vee, with the ends tied off to perfectly-spaced trees. I like when that happens! So, I was able to spend several beautiful mornings with a cup of coffee and my QRP rig out on a deck overlooking Currituck Sound. Doesn't get much better than that.

In between the crabbing and kayaking, I managed to squeeze in 20 QSOs during the week. A pleasant surprise were 2 DX QSOs (CM6AZ and TI4VSG). Both of those went beyond the typical "TU 599" DX QSO which doesn't happen often for me. It was also nice to see a lot of QRP activity on 30 meters last week. Out of the 20 QSOs, 7 of them were 2-way QRP. Among the QRPers were at least 2 QRP-L members: Bryon, WA8LCZ and Craig, AA3MD. I heard Byron earlier during the week, but wasn't able to connect with him until my last day of operation down there.

I haven't been spending much time hamming lately, so this vacation was what I needed to re-instill the spirit of QRP in me.

73, Craig WB3GCK

P.S. This morning I fired up the MFJ from my home QTH. Propagation must have been really strange on 30 meters because the first signal I heard was a station in Delaware (unusual from here). Although the DE border is only about 45 minutes away from my QTH in Pennsylvania, I have yet to confirm a DE QSO. I keeping my fingers crossed on this one! :-)

WB3GCK TMPS 1996 Qs=38 States=19 Confirmed=00 DX=06  
DE FL GA IA KS MA MD MI MO MS NH NJ NY OH PA RI SC TN WI  
CM6 EA9 HG5 LZ1 TI4 VE

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: cjsterl@ix.netcom.com (Craig J. Sterling)  
Subject: [576] Who is this guy?  
Message-ID: <199607081017.DAA18719@dfw-ix2.ix.netcom.com>

Gang,

Re my post of who was PY2Z. As it turns out, he was PJ2MI. Either he sends sloppy or I can't copy code! I checked a DX reflector on the internet and "thar he was"! Heard him again last evening and I'll be darn ... he sends P Y 2 Z (MI), makes sense ... what's wrong with me?!

Oh well, another mystery solved.

TU,  
Craig, AA3MD

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [601] Z-Match Tuner Help  
Message-ID: <31E1CD39.38B@acsu.buffalo.edu>

Hi Gang,

Where can I find a project/plans/info to build a Z-match tuner?

Someone sent me a not last week on this but I lost/erased it, sorry.

Thank es 72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=118 WAS=27 Confirmed=05 DX=17  
HW-9 @ 3W, MFJ941C, 142' Sloping Delta Loop  
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM U5 VE XE YT ZF  
Worked all Canada= VE1 V01 VA2 VE2 VA3 VY2 VE6

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: N5EM@aol.com  
Subject: [579] Re: Antenna feeds  
Message-ID: <960708082159\_429491893@emout09.mail.aol.com>

In a message dated 96-07-07 08:51:40 EDT, you write:

<< QUESTION: What is the best way to get the antenna feed to my tuner?  
Should I attach a 4:1 balun, a 1:1 balun or just coax to the end of the  
66' 450ohm ladder-line? 66' feed line will not be long enough to reach  
the shack since the antenna will be approx 80' high. I'll use the  
lowest loss coax possible with the exception of hard-line.

>>

I would use a 4:1 or 9:1 ferrite toroidal balun/transformer. If you are only interested in QRP use, use the 1 inch size toroids and I would take two and glue them together with a thin layer of superglue or epoxy.

Be very careful in winding your transformer. Use the largest size wire that you can get twisted together.

We do this with FD antennas. Connect the hi-z end to the ladder line, and connect a piece of coax to the low-z end. Pot the whole thing in electrical grade RTV. I like to use a piece of perfboard, glass epoxy (blue or green stuff) that has no copper. Makes it easy to run the wires from the feedlines and the ladderline and the balun through the holes to anchor them. Get it all mechanically and electrically secure BEFORE you pot it, of course.

For the 25 to 30 feet of distance to your operating position, good quality RG-8X is just fine. Run RG-8 if it makes you feel better. It's not necessary for QRP levels.

This is, of course, the 2nd best solution. The BEST solution is to get another piece of ladderline, splice it to the 66' piece, and run this all the way to the tuner, which one would like to be a Z match. I know, nothing's perfect :-)

Good luck. 220 ft. across the top. Awesome.

72

Ed, N5EM

From owner-qrp-l@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: George Gingell <k3tks@u1.abs.net>  
Subject: [599] Re: Filling Holes  
Message-ID: <Pine.BSI.3.93.960708154725.24107A-100000@u1.abs.net>

Re: Filling Holes in Hammond Boxes

I have Repaired (Re-Cycled) a number of Hammond Die Cast Aluminum boxes by cutting out exact size pcb disks and pressing and fitting them into the holes where the meter used to be located and slapping an appropriate piece of heavy duty aluminum tape (Real Aluminum Tape for Duct work) on one or both sides of the case. (Inside and Outside). a bit of epoxy cement can be rubbed into the crack and allowed to dry, if desired, before applying the duct tape. I found the Aluminum Duct tape at my local Sheetmetal/Ductwork Fabricators Supply House. I found it was also useful for making homemade "Notary Seals" for Awards.

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: JEVERHART@cayman.vf.mmc.com  
Subject: [592] Re: Hamstick Matching  
Message-ID: <960708082502.20607600@carib.vf.mmc.com>

Hi, Bill. Just catching up on my qrp-1 e-mail and I noticed your query for a method to match your Hamstick. There may have been other answers, but here's mine anyway....

It uses a parallel reactance at the feedpoint of the antenna (not at the rig end of the coax). This may prove difficult to achieve with a magmount, but if you can try this method. The antenna is offtuned to present a series reactance that tunes along with the external parallel reactance to form an "L" network that transforms the low impedance of the antenna to 50 ohms. With an external capacitor, the antenna is adjusted long to give an inductive component, or with an external inductor, the antenna is adjusted short to give capacitance.

The method:

1. Adjust the Hamstick for lowest SWR at the operating frequency.
2. Measure the impedance at the feedpoint. Since this is at lowest SWR it should be pure reactance.
3. Using formulas from the ARRL Handbook or your other favorite reference, calculate element values for an "L" network to match the measured impedance to 50 ohms. The series element of the L network will be formed by the offtuning reactance of the antenna (step 1) and the parallel element will be from the feedpoint to ground.
4. Place a capacitor (inductor) from the feedpoint to ground equal to the reactance of the parallel element of the L network.
5. Adjust the antenna length for lowest SWR. It will be longer than the original length with a parallel capacitor and shorter with a parallel coil.

Practically speaking it's quite easy to just go with the middle value capacitor that Lakeview recommends in their instruction sheet and see if it

works. With a fixed mount hamstick (not a magmount), I've found that I can get acceptable SWR this way by using a "tee" connector at the feedpoint and different capacitors for different bands. For single-band operation a capacitor (silver mica or equivalent) can be soldered right across the antenna mount.

With a magmount, the effective ground for the antenna depends on the (changing) relationship of the feedline to ground. This means that the antenna tuning (and impedance) changes whenever the coax moves - great while you are in motion! A simple tuner at the rig end of the coax works well here.

One last thing. I've found that the length of the stainless steel top element of the Hamsitck is marginal for 40 meter cw operation. And when you have to lengthen the element to retune with a matching capacitor, it is impossible to retune. For "fixed mobile" operation I use a one foot piece of #12 solid wire with an alligator clip as an "extender". The extra wire is moved up the mast to tune lower in frequency. I've used this for several years. But the clip lead tends to fall off at highway speeds!

Good luck and let us know how you make out.

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com  
home: n2cx@voicenet.com

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: "P. Grover Cleveland" <wylde@nccn.net>  
Subject: [581] Re: HW-9  
Message-ID: <199607081328.GAA22342@nccn.net>

What is an HW-9 worth? I suppose whatever you are willing to pay.

I bought mine last year with ALL the extra goodies and in nice condx for \$350. I had been looking for one for a few years. I only snagged it because I checked rec.radio.swap about thirty seconds after it had been posted. Pure luck. They are hard to come by.

Good luck and .073,

Grover  
WT6P



- - -

P. Grover Cleveland  
WT6P (ex KC7IW, WA6WJV)  
ARCI 3795, NorCal 216, ARS 101  
Fairmont Track Speeder Pilot &  
Archaeoferroequinologist

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: JCoote@aol.com  
Subject: [616] Re: ICOM 735 (QRP HELP)  
Message-ID: <960708231049\_151661417@emout17.mail.aol.com>

In a message dated 96-07-08 09:20:41 EDT, you write:

>)  
>  
> A friend of mine, owning one icom 735, wants to know if it's  
>possible to reduce the power level of his transceiver more than the factory  
>set of 4 watts and, if so, how the mod will be difficult and effective.  
>Thanks in advice for any practical help.  
> Best 73's Silvio  
>i1su@iw1bim.#cn.ipie.ita.eu  
>scerati@www.lrcser.it

The IC735 factory setting for the front panel power control is 10 watts minimum, 100 watts maximum on the North American models.

There are two potentiometers in the bottom chassis which control the upper and lower power limits. I don't have the documentation, but the controls are adjusted so the minimum is whatever you want and the maximum never goes beyond 100 watts. The controls are touchy and interact while adjusting.

My own IC735 and others I have adjusted go from 3 watts to 100 watts.

Perhaps someone could try lowering the 100 watt maximum, or using the internal 50/100 watt switch to get a still lower minimum power.

The nice thing about this modification is no holes in the chassis, no external boxes or other messy external wiring to QRP this radio.

73, Jay  
WB6AAM

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: KT3A@aol.com  
Subject: [613] Re: Mast story  
Message-ID: <960708205154\_151541656@emout16.mail.aol.com>

In a message dated 96-07-07 11:45:51 EDT, you write:

>Barrie, K3BUZ

^^^^

Barrie,  
Does your call have anything to do with keeping bees??

72 de cameron, kt3a

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner)  
Subject: [588] re:PVC tubing for mast  
Message-ID: <v01510100ae069b583ce4@[132.235.72.11]>

Gang,

NC8V, WT8E and I have been activating some Ohio River islands for the US Islands program. We were using a ground mounted multiband vertical, but we needed something a little more effective, since we were using only 100 watt rig. (On 20 SSB, 14.260, it gets tough!) I put together a elevated ground plane using PVC.

It uses a 9' piece of 1 1/2" PVC telescoped into a 10' piece of 2" PVC as a mast for an elevated 20 meter groundplane mast. The 18' mast (1' telescoped) is topped with an 8' piece of 1/2" EMT conduit with a 8 1/2' whip on it for a quarter wave on 20. The radials do double duty as guy wires, they are attached at the top of the 18' mast. If they droop down at a 45 deg angle or so, the match is about 50 ohms.

Assembling:

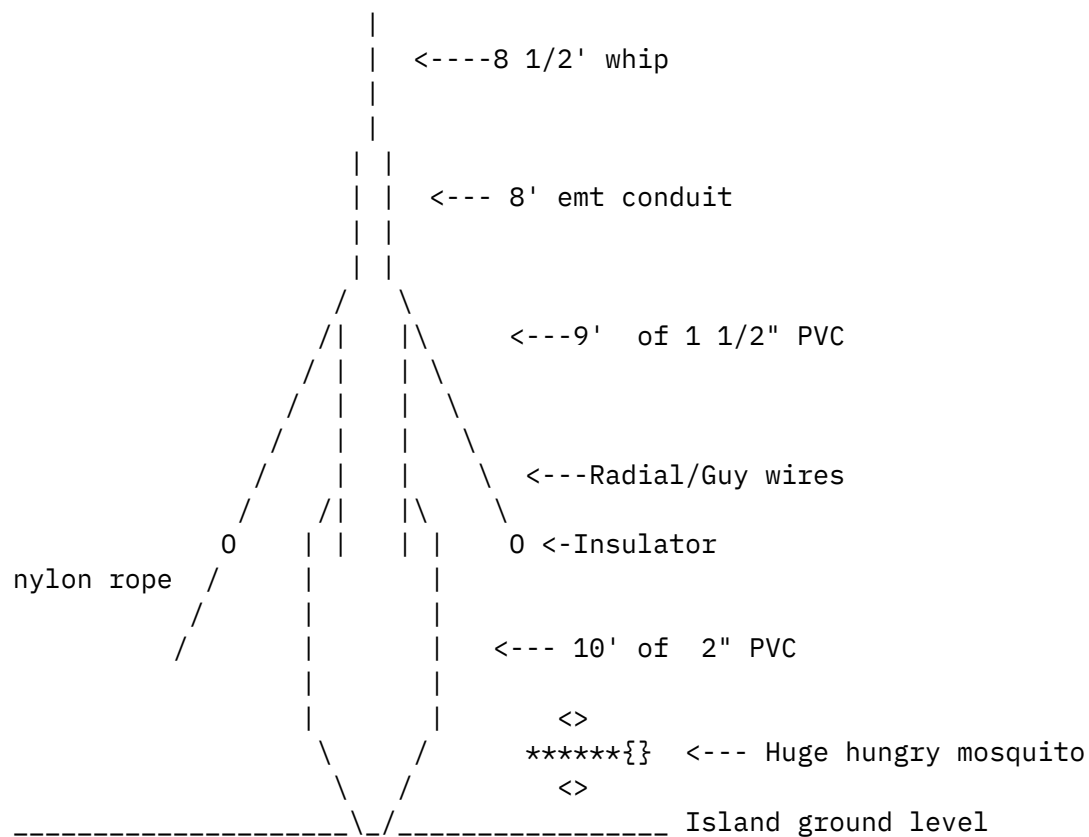
The radiator is mounted on the UN-telescoped (One completely inside the other) PVC pipe and the whole thing is set up in the vertical position. YES the PVC is floppy! But, it just bends and doesn't break, even with us raising it in wind, on a "jungle like" island, while getting bit by mosquito's! The radials have nylon rope on the ends of them and are marked for tie-off at close to the right length. Then a tug downward on a pulley arrangement in the top of the 2" PVC pipe pulls the 1 1/2" PVC pipe upward out of the 2" PVC. This telescopes the mast up to the full 18' height.

The whole thing fits into the 2" PVC, radiators and all, for easy transportation on my boat, we affectionately call our Island Assault Vehicle.

The top of the antenna is at 35 feet and YES, it does behave like a wet noodle when raising it! The PVC bends nicely and as soon as the guys are taunt, it straightens up and looks fairly reasonable.

I thought I'd mention the description since a lot of us like to operate in the field and this really works nice for us!

PVC is great stuff, cheap and easy to work with!



73 de NS80

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996

From: JessQRP@aol.com  
Subject: [607] Re: SW-40/SW30  
Message-ID: <960708191007\_151459622@emout09.mail.aol.com>

Hi all,  
I agree that these are great littel rigs. I have on in a box that I put together using the SW40 kit with a CMOS keyer that works very well. The best contact to date with this rig has been KC4 Antarctica on 1 watt with a 559 to a R7 vertical. The R7 has been replaced with a Gap Titan. The other one that I have is a SW30 on 30 meters of course. This one is not as sensitive on receive as the 40 meter rig and Dave knew that when he designed it. I have worked Easter Island with this rig also into the R7 so they do perform. I am glad that you started this thread as it gives me renewed bragging rights to these rigs!

I have the SW30 in Dave's box anf it is nice but a bit snug on the sides. Lot's of room on the top for a keyer. I purchased the RIT for the 30 meter rig but it is still sitting here not installed and probably will not install it.

Both are great radios, good luck with yours.

Best  
Jess NOTFI

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner)  
Subject: [598] Re: US ISlands Info (12k)  
Message-ID: <v01510102ae07061bfad3@[132.235.72.11]>

>Folks,  
>  
>In the past few days, have seen a couple of references to US Islands. What is?  
>  
>I am familiar with and have activated a few islands in the NE & Maritimes for  
>IOTA. Have often complained that many of the easier to reach islands are inland  
>and don't qualify for IOTA status. Is the US ISlands awards program an answer  
>to my prayer? Who administers it and where can I get the details?  
>  
>73/72,  
>  
>Jim, WK8G/2  
>jim.nestor@ey.com

Here is the USI information:

United States Islands Award Program

## Island Directory

### INTRODUCTION

The United States Islands Awards Program, USI, covers inland fresh water river or lake islands and saltwater islands of the fifty (50) states of the United States. USI was formed to further enhance "island chasing" that has become so popular on the amateur radio bands. The USI goal is to promote a simple but effective "system of state island collecting" in a professional radio-manner and to operate totally on the "honor system". USI warmly welcomes all island enthusiasts to yet another facet of island collecting. USI is open to anyone (Ham or SWL) interested in STATE ISLAND COLLECTING.

### BOARD OF DIRECTORS

The governing body of USI is the Board of Directors (BOD) and is composed of the Program Director (PD), three State Coordinators (SC) and a Qualifications Manager (QM). The PD will administer USI with assistance from the SCs and QM. Each SC will manage four US call areas and serve as "PR" field reps. The QM will "solely" assign state island numbers and maintain the US Island List.

- 1) PD...John Reisenauer, NL7TB @ Rt. 2 Box 2161, Benton City, WA 99320
- 2) SC US call area 1 through 4... (open)
- 3) SC US call area 5, 8, 9 and 0...David Zulawski, KA5TQF @ 2808 Catnip, El Paso, TX 79925
- 4) SC US call area 6, 7, KH6 and KL7...John Tucker, KG7RS @ 2378 East Alpine, Mesa, AZ 85204
- 5) QM...John Van Putten, WD8MGQ @ 11320 Bigelow, Davisburg, MI 48350 (please include a SASE if a reply is requested from the BOD)

### 1. ISLAND CRITERIA

All fresh water or saltwater islands within the fifty (50) states of the United States including

District of Columbia (DC) qualify for USI if the following conditions are met:

A) The island is totally surrounded by water and is a minimum one- hundred (100) feet long in any direction and a minimum fifty (50) feet from all shore lines at DXpedition time. Bridges and narrow causeways linking the island to the main land or other islands are acceptable.

B) In areas of heavy island congestion, all islands will count separately providing the conditions in "A" are met. USI encourages ISLAND HOPPING!

C) The island must be accessible to the public at all times (or as a minimum be open part of the day or night) and its name should appear on a map of some type (the Atlas & Gazetteer by DeLorme Mapping Co. or a similar atlas is preferred), or as a minimum be known locally. The lake or river name must be listed on maps.

D) Although USI was officially "launched" in September 1994, prior contacts with US islands count for awards. All fresh water state islands that meet A through D above must be "qualified" to receive a USI number unless you reside on the island. To qualify, a minimum of 50 contacts with at least 2 different countries is required. If you live on the island (temporary or permanent) you already qualify! Saltwater islands don't require "qualification" since most have already been numbered through the IOTA program.

## 2. GENERAL INFO

A) All islands will be numbered by the QM according to state and type. Example: ND001L, TX0010R or TX012S where "ND" and "TX" are the state abbreviations for North Dakota and Texas, and the "number" is a consecutive activation number issued and the letters "L", "R" or "S" designate type of island (lake, river or sea). When ordering QSL cards, please remember to have the USI number, island name and QTH (state) printed on them along with the other verification info for award purposes. You are encouraged to use the USI logo.

B) All the HF amateur bands are acceptable and any mode can be used. Cross-band, cross-mode

or satellite contacts are not allowed. The unofficial USI operating frequencies are 7250, 21350, 14250-14.260 (main) and 28450 KHz phone plus your favorite CW or digital frequency. The frequencies should be easy to remember as they all end in 50 and there's 50 states! Those frequencies should be used for USI Dxpeditions and to pass USI info. The frequency range of 14250 to 14260 kHz will become known as the ISLAND CORRIDOR. Note: 14.260 should be reserved for IOTA.

C) USI packet bulletins "ISLDX" will be transmitted monthly to include news of USI Dxpeditions planned and completed plus other items of island interest. Your input is highly requested. If you're planning an island trip, let the PD know in advance so details will appear in the next "ISLDX".

### 3. INFORMATION FORMS

"Form A" will be used to document USI Dxpeditions and for op credit. "Form B" will be used to apply for awards (see attached). Please return both forms to the PD. Both forms are available from the PD for a SASE.

### 4. AWARDS

Color certificates and handsome wooden plaques are available through the PD. Certificates are \$5.00 US or \$6.00 foreign (US funds). Contact the PD for exact plaque pricing (it is estimated the plaques will cost around \$50.00 US plus shipping).

A) BASIC AWARD CERTIFICATE... 1. Work 100 US islands (must contain both fresh water and saltwater islands).

B) INTERMEDIATE AWARDS CERTIFICATES... 1. Work 300 US islands (any mix). 2. Work 500 US islands (any mix).

C) ADVANCED AWARDS PLAQUES... 1. Work 2 river and 2 lake islands from each of the 50 states plus 25 salt water islands. 2. Work 1000 US islands.

D) ISLAND ACTIVATION AWARD... 1. Receive a free certificate for activating 10 US islands (after September 1994 only)! Send SASE (9x12 w/2 units postage) to the PD

with DXped list  
matching the "FORM A's" already on file.

E) ISLAND ACTIVATOR PLAQUE 100+...1. Receive a plaque for putting on over 100 different state islands. Just send a list of the islands you activated after September 1994 (Island name, USI# and DXped. date) that match the FORM A's on file.

It's important to send the "FORM A" immediately after the DXpedition. All DXpedition operators will receive credit for working the island provided they are listed on "FORM A".

Verification of awards will be performed by the PD. Simply complete "FORM B" (DO NOT SEND THE ORIGINAL QSL CARDS) and forward the appropriate fee. In the event of an interpretation conflict or irregularity, we may ask for the QSL cards. The PD shall have the final word. Remember, we're on the HONOR SYSTEM - if you don't have the QSL card for confirmation then you haven't worked the island.

So, "what do I need to do to activate an island" you say? Just notify the PD or your local SC for verification acceptance (see BOD page 1 after you're sure of 1A-1D) and then go out and do it!!! Remember to give advance notice, if you can (14.260) so we all have a shot at you and don't forget the FORM A.

In conclusion, USI including the BOD and all members assume no liability or responsibility in administering this program nor do they make any guarantees of any kind. Your comments and suggestions are always welcome- improvement ideas are especially appreciated. USI will be changing as we grow making "island collecting" even more exciting! Please remember to include a SASE (or SAE and 2 IRCs) when writing to any BOD member if a reply is requested. The PD and QM can also be reached on 14.260. Thanks, 73 and have fun CHASING ISLANDS!

John Reisenauer, Jr., NL7TB  
packet address: NL7TB @ WA7EAQ.#EWA.WA.USA.NOAMb  
United States Islands Awards Program  
(rev. 1/96)



For further information mail to: WD8MGQ

```
*****
*                                     Greg Weinfurtner AEE BSS *
*      NN      N  SSSSSSS  8888888  0000000  Electronic Design Splst *
*      N N     N   S      8      8  0      0  Ohio University  Athens *
*      N N     N  SSSSSSS  8888888  0      0  GO BOBCATS!             *
*      N  N     N    S     8      8  0      0                               *
*      N      NN  SSSSSSS  8888888  0000000                               *
*                                     Can thou send forth lightnings *
*               Amateur Radio      that they may go and say unto *
*                                     thee, 'Here we are'? Job 38:35 *
*      weinfurtner@ouvaxa.cats.ohiou.edu                               *
*      http://ouvaxa.cats.ohiou.edu/~weinfurtner                       *
*****
```

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: wb8ygg@juno.com (Bradley S. Mitchell)  
Subject: [605] Re: V2L .gif  
Message-ID: <19960707.174507.10007.2.WB8YGG@juno.com>

I cannot say enough praises about this paddle!

I'm in heaven. I was QSOing with Vo1DRB a while ago on 30 meters.

He thought I better do something about my fist. :-).. Not Really,  
but

we had a mutual agreement that the Green Heathkit with 20 + years  
of work needed to be retired.

So I bought a Kent, nice paddles.  
So I bought a WhiteRook Nice field toy.  
So I bought a Bencher, Nice mobile paddles,  
So I bought a V2L (serial # 73) and that's where I stopped..

For now :-)..

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Mon Jul 8 23:16:09 1996  
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>  
Subject: [615] Re: Z-Match Tuner Help  
Message-ID: <31E22695.76BB@acsu.buffalo.edu>

Thanks for the help!

Well the usual is still amazing. I put out a call for help with a project and got back two very nice replies with all of the info that I need.

Many thanks to Charlie Lofgren and Glen Leinweber.

And to Charlie- the SASE will be in tomorrows mail.

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

TMPS 1996 Q's=118 WAS=27 Confirmed=05 DX=17  
HW-9 @ 3W, MFJ941C, 142' Sloping Delta Loop  
6W1 C6 CT3 DL EA ES HC LY LZ OM OZ SM U5 VE XE YT ZF  
Worked all Canada= VE1 V01 VA2 VE2 VA3 VY2 VE6